

EAST Search History

S79	2993	(switch\$4 adj control\$4) same (directly same senses (first near2 voltage) same (second near2 voltage))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/07/13 15:37
S80	100	S78 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/07/13 15:55
S81	0	(switch\$4 adj controller\$1) same directly same sense\$4 same (first near2 voltage) same (second near2 voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/07/13 15:54
S82	301	(switch\$4 adj controller\$1) and directly and sense\$4 and (first near2 voltage) and (second near2 voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/07/13 15:54
S83	155	S82 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/07/13 15:58
S84	33057	circuit and transistor and inductor and capacitor and power	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/07/13 15:57
S85	67	S82 and S84 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/07/13 15:58
S86	3073	((330/270-271 or 330/251 or 330/254 or 330/51).ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/20 15:43
S87	1715	((330/10 or 330/207).ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/20 15:42
S88	754	((257/335).ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/20 15:43
S89	801	((320/128).ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/20 15:43
S90	903	((381/94.1 or 381/94.5 or 381/81 or 381/28).ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/20 15:45
S91	1455	((381/120 or 381/123 or 381/106).ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/20 15:45

EAST Search History

S67	2	S66 and S50	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/12 11:20
S68	7	S66 and S51	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/12 11:26
S69	7819	(first near\$2 supply near\$2 voltage) same (second near\$2 supply near\$2 voltage) same (switch\$4 or select\$3 or choos\$3) same (first near2 (control\$4 near signal\$1)) same ((threshold or parameter) near\$2 voltage\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/12 14:53
S70	4000	((330/270-271 or 330/251 or 330/254 or 330/51).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/07/20 15:40
S71	32	S69 and S70 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/01/12 14:54
S72	1	("6169449").PN.	USPAT; USOCR	OR	OFF	2007/01/12 17:26
S73	4	"6169449"	USPAT	OR	ON	2007/01/12 17:26
S74	1	("6597240").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/07/13 15:26
S75	13	("4337438" "4673889" "5077539" "5617058" "5805020" "5963086" "6005316" "6034565" "6118336" "6297693" "6313697").PN. OR ("6597240").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/13 15:30
S76	65778	(switch\$4 adj controller\$1) same directly same senses (first near2 voltage) same (second near voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/07/13 15:34
S77	100001	(switch\$4 adj controller\$1) same directly same senses (first near2 voltage) same (second near2 voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/07/13 15:53
S78	215	(switch\$4 adj controller\$1) same (directly same senses (first near2 voltage) same (second near2 voltage))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/07/13 15:37

EAST Search History

S92	2980	(first near\$2 supply near\$2 voltage) and (second near\$2 supply near\$2 voltage) and (switch\$4 or select\$3 or choos\$3) and (first near2 (control\$4 near signal\$1)) and (switch\$3 near2 controller\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/07/20 15:46
S93	6	S86 and S92 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/07/20 15:49
S94	2	S87 and S92 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/07/20 15:49
S95	0	S88 and S92 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/07/20 15:49
S96	5	S89 and S92 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/07/20 15:50
S97	3	S90 and S92 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/07/20 15:52
S98	3	S91 and S92 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/07/20 15:52

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	6	((("TAE HA") near2 (RYOO)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/13 15:26
S2	51	((("5359241") or ("6204701") or ("4623803") or ("5565807") or ("4521700") or ("5003578") or ("5249298") or ("5459412") or ("5590343") or ("5808460") or ("6066177") or ("6140864") or ("6175249") or ("6215342") or ("6215342") or ("6242985") or ("4395774") or ("4543499") or ("4605871") or ("4608582") or ("4950620") or ("5013980") or ("5021716") or ("5268649") or ("5300895") or ("5341042") or ("5432482") or ("5455732") or ("5561300") or ("5587672") or ("5635859") or ("5731969") or ("5748463") or ("5767844") or ("5818480") or ("5859548") or ("5955874") or ("6104173") or ("6137311") or ("6150845") or ("6163199") or ("4253035") or ("4330723") or ("4334256") or ("4357579") or ("4415839") or ("4430585") or ("4438485") or ("4458162") or ("4460264")).PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/12/29 12:10
S3	4	((("4370623") or ("5070308") or ("5361041") or ("5537081")).PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/12/29 12:11
S4	8	("3772606").PN. OR ("4370623").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/29 12:15
S5	5	("4370623" "5070308" "5361041").PN. OR ("5537081").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/29 12:19
S6	18	("4442409" "4471322" "4480230" "4800339" "5166636").PN. OR ("5361041").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/29 12:21
S7	8	("3772606").PN. OR ("4370623").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/29 12:34

EAST Search History

S8	173	circuit same (pop adj noise) same transistor same inductor same capacitor same power supply same (switch or select\$4) same gate same controller same threshold same voltage\$1	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/29 15:13
S9	18	circuit same (pop adj noise) same transistor same inductor same capacitor same power supply same (switch or select\$4) same gate same controller same threshold same voltage\$1 same filter\$1	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/29 14:12
S10	107	S8 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/07/13 15:38
S11	11	S9 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/07/20 15:47
S12	1	transistor same filter same inductor same capacitor same (second adj switch) same (switch\$4 adj controller) same threshold	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/29 14:52
S13	67	transistor and filter and inductor and capacitor and (second adj switch) and (switch\$4 adj controller) and threshold	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/01/10 15:50
S14	46	S13 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/29 15:04
S15	536	((381/94.1 or 381/94.5).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/29 15:22
S16	46	S14 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/29 15:08
S17	1	circuit same (pop adj noise) same transistor same inductor same capacitor same (switch or select\$4) same controller same threshold same voltage\$1	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/29 15:05
S18	1	circuit and (pop adj noise) and transistor and inductor and capacitor and (switch or select\$4) and controller and threshold and voltage\$1	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/29 15:06

EAST Search History

S19	1	circuit and (pop adj noise) and transistor and inductor and capacitor and (switch or select\$4) and controller and threshold	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/29 15:06
S20	3	circuit and (pop adj noise) and transistor and (switch or select\$4) and controller and threshold	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/29 15:08
S21	305	circuit and (pop adj noise)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/29 15:08
S22	7	S15 and S21 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/29 15:11
S23	361	((381/81 or 381/28).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/29 15:12
S24	6	S15 and S23 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/29 15:18
S25	1194	((381/120 or 381/123).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/01/12 10:25
S26	1	circuit same (pop adj noise) same transistor same inductor same capacitor same power	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/29 15:13
S27	6	circuit and (pop adj noise) and transistor and inductor and capacitor and power	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/07/13 15:57
S28	463	((381/7 or 381/71.1).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/29 15:18
S29	0	S13 and S23 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/29 15:19
S30	0	S27 and S23 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/29 15:19

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S31	1	S21 and S23 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/29 15:21
S32	7	S21 and S15 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/29 15:21
S33	0	S21 and S28 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/29 15:22
S34	2150	((330/251 or 330/254).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/29 15:25
S35	0	S8 and S34 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/29 15:23
S36	0	S13 and S34 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/29 15:23
S37	6	S21 and S34 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/29 15:25
S38	274	((330/270-271).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/29 15:25
S39	1	S21 and S38 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/12/29 15:25
S40	1	circuit and (pop adj noise) and (clip\$4) and (push adj pull)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/01/10 15:47
S41	439053	(pop adj noise) or (clip\$4) or (push adj pull)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/01/10 15:47
S42	3998	((330/270-271 or 330/251 or 330/254 or 330/51).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/01/12 10:24

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S43	368	S41 and S42 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/01/10 15:51
S44	3049	transistor and filter and inductor and capacitor and (switch\$4 or select\$4) and controller and threshold	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/01/10 15:51
S45	13	S41 and S42 and S44 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/01/10 15:51
S46	1	("7151970").PN.	USPAT; USOCR	OR	OFF	2007/01/11 11:22
S47	1	("4142072").PN.	USPAT; USOCR	OR	OFF	2007/01/12 09:17
S48	4090	((330/270-271 or 330/251 or 330/254 or 330/51).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/12 14:54
S49	1225	((381/120 or 381/123).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/12 10:25
S50	43435	((("381"/\$).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/12 10:25
S51	52611	((("330"/\$).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/12 10:28
S52	0	diode same fourth adj resistor same transister	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/12 10:32
S53	1040	diode same (fourth adj resistor) same transistor	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/12 10:32
S54	1	S49 and S53 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/12 11:19
S55	6	S48 and S53 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/12 11:12

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S56	3	S50 and S53 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/12 10:40
S57	58	S51 and S53 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/12 11:09
S58	7026163	(first near\$2 supply near\$2 voltage) same (second near\$2 supply near\$2 voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/12 11:10
S59	2004172	(first near\$2 supply near\$2 voltage) same (second near\$2 supply near\$2 voltage) same (switch\$4 or select\$3 or choos\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/12 11:13
S60	1516	S48 and S59 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/12 11:12
S61	166019	(first near\$2 supply near\$2 voltage) same (second near\$2 supply near\$2 voltage) same (switch\$4 or select\$3 or choos\$3) same (control\$4 near signal\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/12 11:14
S62	21963	(first near\$2 supply near\$2 voltage) same (second near\$2 supply near\$2 voltage) same (switch\$4 or select\$3 or choos\$3) same (first near2 (control\$4 near signal\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/12 14:51
S63	434	(first near\$2 supply near\$2 voltage) same (second near\$2 supply near\$2 voltage) same (switch\$4 or select\$3 or choos\$3) same (first near2 (control\$4 near signal\$1)) same (switch\$3 near2 controller\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/07/20 15:46
S64	4	S48 and S63	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/12 11:23
S65	0	S49 and S63	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/12 11:19
S66	276	S63 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/12 11:19